

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-041260

(43)Date of publication of application : 13.02.2003

(51)Int.Cl.

C10B 53/00
C10B 7/04
C10B 53/02
F23G 5/16
F23J 1/02

(21)Application number : 2001-231850

(71)Applicant : KAWASAKI STEEL CORP

(22)Date of filing : 31.07.2001

(72)Inventor : YAMAGUCHI YASUYUKI

YAMADA SUMIO

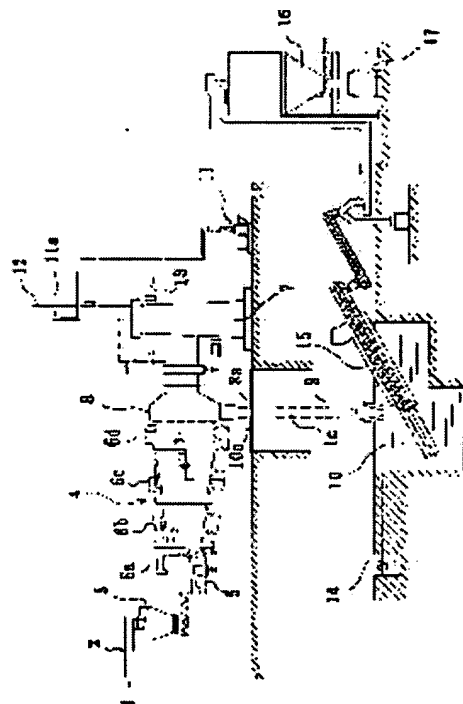
NAGATA RYOICHI

(54) CARBONIZED PRODUCT-MANUFACTURING APPARATUS

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a carbonized product-manufacturing apparatus which can stably carbonize refuse in a short time and perform an activation treatment to modify a carbonized product in a manufacturing process, further permits a desalting treatment of a carbonized product containing salt derived from refuse, and realizes combustion, with suppressed generation of NO_x, of a dry distillation gas generated on manufacturing a carbonized product.

SOLUTION: The carbonized product-manufacturing apparatus comprises a carbonization oven 4 where dry distillation and carbonization of a material to be carbonized are carried out in the course of movement of the material to be carbonized from a supplying section to a discharging section, a combustion apparatus 7, arranged at the discharging section side of the carbonization oven, for a dry distillation gas generated during dry distillation and carbonization of the material to be carbonized, a connecting section 8 which connects the carbonization oven to the combustion apparatus and discharges a carbonized product, a water-washing tank 10 where the carbonized product discharged from the connecting section



- is temporarily stored and subjected to desalting by water-washing, and a conveying apparatus
- 15 for the carbonized product connecting the water-washing tank to the storage hopper.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office